



INTRODUCTION

EnSight provides support for complex transformations of various entities (e.g. the scene, tools, frames). It is often necessary to clear all or part of the transformation associated with an entity; the Reset Tools and Viewports dialog provides this capability.

BASIC OPERATION

To clear global transformations or tool positions:

1. Click **View** or **Part** in the **Mode Selection** area (to be sure that EnSight is in **Global Transform** rather than **Frame transform**).

2. Click the **Reset...** button in the **Transformation Control** area to open the **Reset Tools and Viewports** dialog.



3. Perform the desired operation as described below.

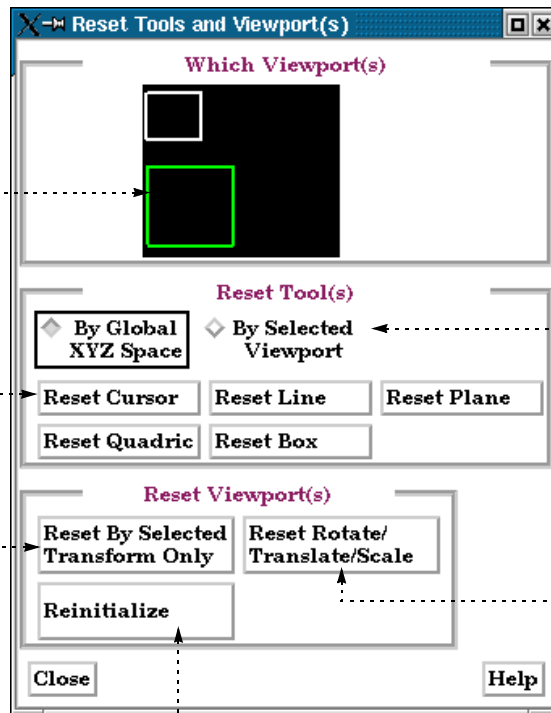
4. Click **Close**.

Transformations will only be reset for the current viewport(s). Click in a viewport to select it. Control-click to extend the selection or de-select a selected item.

Click the applicable button to reset the corresponding tool.

Click to clear *only* the transformation component currently selected in the Transformation Control area (e.g. Rotate or Translate).

Click to clear all transformations as well as reset the camera look-from/look-at points so that all currently visible parts are centered in the selected viewport(s).



Toggle selects whether tool is reset based on the global XYZ space or reset based only on the selected viewport.

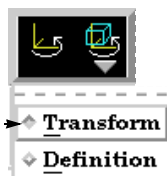
Click to clear all transformations in the selected viewport(s). Note that zoom is not a scene transformation and is not cleared. Zoom is implemented by moving the look-from point (the camera position). To clear zoom, click Reinitialize.

ADVANCED USAGE

The Reset Tools and Viewports dialog is also used to clear Frame transformations. See [How To Create and Manipulate Frames](#) for more information on frames and frame transforms.

To clear frame transformations:

1. Click **Frame** in the Mode Selection area to enter Frame mode. (If needed, first enable Frame mode under Edit->Preferences... General User Interface.)



2. Select **Transform** from the Transform/Definition pulldown.

3. Select the desired frame(s).



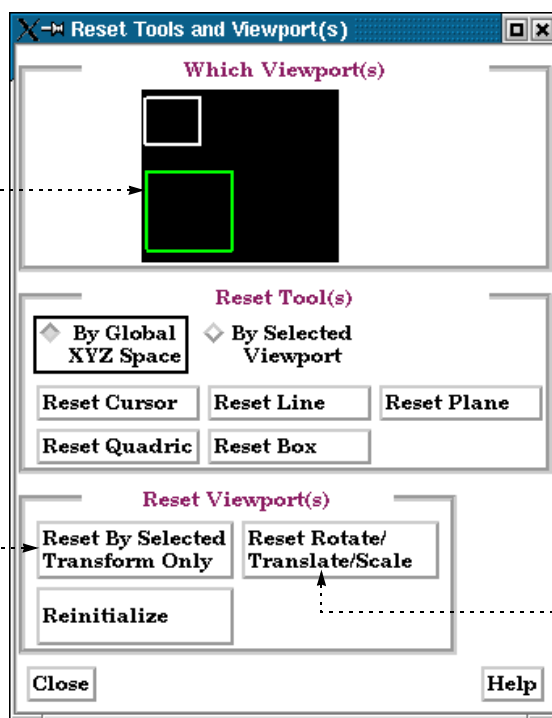
4. Click the **Reset...** button in the Transformation Control area to open the Reset Tools and Viewports dialog.

5. Perform the desired operation as described below.

6. Click **Close**.

Frame transformations will only be reset for the current viewport(s). Click in a viewport to select it. Control-click to extend the selection or de-select a selected item.

Click to clear *only* the frame transformation component currently selected in the Transformation Control area (e.g. Rotate or Translate) for the selected frame(s) in the selected viewport(s).



Click to clear all frame transformations for the selected frame(s) in the selected viewport(s).

SEE ALSO

[How To Rotate, Zoom, Translate, Scale](#), [How To Define and Change Viewports](#), [How To Create and Manipulate Frames](#)